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RAW SEQUENCE LISTING

DATE: 10/23/2002

PATENT APPLICATION: US/09/719,002

TIME: 16:32:18

Input Set : A:\seqlist\_0623 0960000.txt

Output Set: N:\CRF4\10232002\I719002.raw

4 <110> APPLICANT: Draper, John  
5       Kenton, Paul  
6       Darby, Robert  
7       Paul, Wyatt  
9 <120> TITLE OF INVENTION: Inducible Promoters  
11 <130> FILE REFERENCE: 0623.0960000/EKS/GLL  
13 <140> CURRENT APPLICATION NUMBER: US 09/719,002  
C--> 14 <141> CURRENT FILING DATE: 2002-08-01  
16 <150> PRIOR APPLICATION NUMBER: PCT/GB99/01949  
17 <151> PRIOR FILING DATE: 1999-06-21  
19 <150> PRIOR APPLICATION NUMBER: GB 9813345.7  
20 <151> PRIOR FILING DATE: 1998-06-19  
22 <160> NUMBER OF SEQ ID NOS: 19  
24 <170> SOFTWARE: PatentIn Ver. 2.1  
26 <210> SEQ ID NO: 1  
27 <211> LENGTH: 475  
28 <212> TYPE: DNA  
29 <213> ORGANISM: Asparagus officinalis  
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33 tgcgcacaaac atactggtcc ttgcttgatt tgacagttcc aataattatt tccatgtcat 120  
34 gagagaagca catgactaaa gtaattagct taatccccta aaactcaata caaacgagat 180  
35 gacacatcca cagaaaaaat tctaattagt ctttgctgtg agaaattgga aactgaatac 240  
36 ctacattaat tacaactttt gcaaataaaa tataaagaaa gttctaacat gaagactagt 300  
37 tctaacatga agactagtcc acgaactcgt accttattcc acaaaggctt agactttcca 360  
38 caaatcgaga ttatcccatg gactgatgga caccatccaa attatcccta taaataacctg 420  
39 cccattcccc tcttccagac tcattctaact caaaaacaac acacaaccaa tcatg 475  
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45 <213> ORGANISM: Asparagus officinalis  
47 <220> FEATURE:  
48 <221> NAME/KEY: CDS  
49 <222> LOCATION: (1)..(672)  
51 <400> SEQUENCE: 2  
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53 Met Ala Leu Ser Lys Ala Phe Thr Ser Leu Leu Leu Leu Pro Val Leu  
54 1 5 10 15  
56 ctc ctg ccc ctc gcc tcc gcc gcc acc ttc acc gtc acc aac aaa tgc 96  
57 Leu Leu Pro Leu Ala Ser Ala Ala Thr Phe Thr Val Thr Asn Lys Cys  
58 20 25 30  
60 acc tac acc gtc tgg gcc gct gca gtg ccg ggg ggc ggt cgc cgc ctc 144  
61 Thr Tyr Thr Val Trp Ala Ala Ala Val Pro Gly Gly Gly Arg Arg Leu

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62          35          40          45
64 gac ccc aac caa tcc tgg acc ctc acc gtc gcc ccc ggt acc acc ggt 192
65 Asp Pro Asn Gln Ser Trp Thr Leu Thr Val Ala Pro Gly Thr Thr Gly
66          50          55          60
68 gcc cgc atc tgg ggc cga acc ggc tgc tcc ttc gac ccc tct ggc cac 240
69 Ala Arg Ile Trp Gly Arg Thr Gly Cys Ser Phe Asp Pro Ser Gly His
70 65          70          75          80
72 ggc cat tgc cag acc ggt gac tgc ggc ggt ctc ctt gcc tgc acc gcc 288
73 Gly His Cys Gln Thr Gly Asp Cys Gly Gly Leu Leu Ala Cys Thr Ala
74          85          90          95
76 tac ggc tcc cct ccc gac acc ctc gca gaa ttc gcc ctg aac cag tac 336
77 Tyr Gly Ser Pro Pro Asp Thr Leu Ala Glu Phe Ala Leu Asn Gln Tyr
78          100          105          110
80 gcc ggc cag gac ttc tac gac atc tcc ctc gtc gac ggc ttc aac atc 384
81 Ala Gly Gln Asp Phe Tyr Asp Ile Ser Leu Val Asp Gly Phe Asn Ile
82          115          120          125
84 ccc atg gac ttc tcc ccg acg tcc gga aat tgc cac gac atc cgg tgc 432
85 Pro Met Asp Phe Ser Pro Thr Ser Gly Asn Cys His Asp Ile Arg Cys
86          130          135          140
88 acc gcg gac atc aac ggt cag tgc ccg gcg gag ctg aag gca ccc ggg 480
89 Thr Ala Asp Ile Asn Gly Gln Cys Pro Ala Glu Leu Lys Ala Pro Gly
90 145          150          155          160
92 ggg tgt aac aac ccg tgc acc gtg ttc aag acc aat gag tac tgc tgc 528
93 Gly Cys Asn Asn Pro Cys Thr Val Phe Lys Thr Asn Glu Tyr Cys Cys
94          165          170          175
96 act tcg gga ggc tgt ggg ccc acg gac tat tcc aag ttt ttc aag cag 576
97 Thr Ser Gly Gly Cys Gly Pro Thr Asp Tyr Ser Lys Phe Phe Lys Gln
98          180          185          190
100 agg tgc cct gat gcg tac agt tac ccc aag gat gac gct acc agc act 624
101 Arg Cys Pro Asp Ala Tyr Ser Tyr Pro Lys Asp Asp Ala Thr Ser Thr
102          195          200          205
104 ttt act tgt ccc agt ggg gct gat tac agg gtt gtg ttc tgc cct tga 672
105 Phe Thr Cys Pro Ser Gly Ala Asp Tyr Arg Val Val Phe Cys Pro
106          210          215          220
108 tcgagcttac tcagatgttg tgtgagcaat caaactatgg ttaatttgta cgtagctcat 732
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115 <211> LENGTH: 223
116 <212> TYPE: PRT
117 <213> ORGANISM: Asparagus officinalis
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120 Met Ala Leu Ser Lys Ala Phe Thr Ser Leu Leu Leu Leu Pro Val Leu
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124          20          25          30
126 Thr Tyr Thr Val Trp Ala Ala Ala Val Pro Gly Gly Gly Arg Arg Leu
127          35          40          45
129 Asp Pro Asn Gln Ser Trp Thr Leu Thr Val Ala Pro Gly Thr Thr Gly
130          50          55          60
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132 Ala Arg Ile Trp Gly Arg Thr Gly Cys Ser Phe Asp Pro Ser Gly His  
133 65 70 75 80  
135 Gly His Cys Gln Thr Gly Asp Cys Gly Gly Leu Leu Ala Cys Thr Ala  
136 85 90 95  
138 Tyr Gly Ser Pro Pro Asp Thr Leu Ala Glu Phe Ala Leu Asn Gln Tyr  
139 100 105 110  
141 Ala Gly Gln Asp Phe Tyr Asp Ile Ser Leu Val Asp Gly Phe Asn Ile  
142 115 120 125  
144 Pro Met Asp Phe Ser Pro Thr Ser Gly Asn Cys His Asp Ile Arg Cys  
145 130 135 140  
147 Thr Ala Asp Ile Asn Gly Gln Cys Pro Ala Glu Leu Lys Ala Pro Gly  
148 145 150 155 160  
150 Gly Cys Asn Asn Pro Cys Thr Val Phe Lys Thr Asn Glu Tyr Cys Cys  
151 165 170 175  
152 Thr Ser Gly Gly Cys Gly Pro Thr Asp Tyr Ser Lys Phe Phe Lys Gln  
153 180 185 190  
155 Arg Cys Pro Asp Ala Tyr Ser Tyr Pro Lys Asp Asp Ala Thr Ser Thr  
156 195 200 205  
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159 210 215 220  
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164 <211> LENGTH: 30  
165 <212> TYPE: DNA  
166 <213> ORGANISM: Artificial Sequence  
168 <220> FEATURE:  
169 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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177 <212> TYPE: DNA  
178 <213> ORGANISM: Artificial Sequence  
180 <220> FEATURE:  
181 <223> OTHER INFORMATION: Description of Artificial Sequence: E-8  
183 <400> SEQUENCE: 5  
184 ataaggggtt ggt 13  
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189 <211> LENGTH: 10  
190 <212> TYPE: DNA  
191 <213> ORGANISM: Artificial Sequence  
193 <220> FEATURE:  
194 <223> OTHER INFORMATION: Description of Artificial Sequence: JA Box  
196 <400> SEQUENCE: 6  
197 ccctataggg 10  
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201 <211> LENGTH: 10  
202 <212> TYPE: DNA  
203 <213> ORGANISM: Artificial Sequence  
205 <220> FEATURE:

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Input Set : A:\seqlist\_0623\_0960000.txt

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206 <223> OTHER INFORMATION: Description of Artificial Sequence: TCA  
208 <400> SEQUENCE: 7  
209 ttatctcctt 10  
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214 <212> TYPE: DNA  
215 <213> ORGANISM: Hordeum vulgare  
217 <400> SEQUENCE: 8  
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222 <210> SEQ ID NO: 9  
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225 <213> ORGANISM: Artificial Sequence  
227 <220> FEATURE:  
228 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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235 <211> LENGTH: 29  
236 <212> TYPE: DNA  
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239 <220> FEATURE:  
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246 <210> SEQ ID NO: 11  
247 <211> LENGTH: 33  
248 <212> TYPE: DNA  
249 <213> ORGANISM: Artificial Sequence  
251 <220> FEATURE:  
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259 <210> SEQ ID NO: 12  
260 <211> LENGTH: 41  
261 <212> TYPE: DNA  
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264 <220> FEATURE:  
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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272 <211> LENGTH: 29  
273 <212> TYPE: DNA  
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277 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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280 gcgaagcttc catgtcatga gagaagcac 29

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Input Set : A:\seqlist\_0623 0960000.txt

Output Set: N:\CRF4\10232002\I719002.raw

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292 gcgaagcttt tggaactga atacctaca 29  
296 <210> SEQ ID NO: 15  
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298 <212> TYPE: DNA  
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301 <220> FEATURE:  
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320 <210> SEQ ID NO: 17  
321 <211> LENGTH: 44  
322 <212> TYPE: DNA  
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325 <220> FEATURE:  
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335 <212> TYPE: DNA  
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338 <220> FEATURE:  
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345 <210> SEQ ID NO: 19  
346 <211> LENGTH: 42  
347 <212> TYPE: DNA  
348 <213> ORGANISM: Artificial Sequence  
350 <220> FEATURE:  
351 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
353 <400> SEQUENCE: 19  
354 gaaagtctaa gcctcgaggg aataaggtac gagttcgtgg ac 42

## VERIFICATION SUMMARY

DATE: 10/23/2002

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TIME: 16:32:19

Input Set : A:\seqlist\_0623 0960000.txt

Output Set: N:\CRF4\10232002\I719002.raw

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